WHAT IS CLAIMED IS:

1. A method for producing an ink jet recording head, comprising steps of:

forming, on a substrate, a solid layer composed of soluble resin and having a pattern for constituting a liquid flow path;

forming an inorganic film by low temperature film formation so as to cover said solid layer;

forming a layer of a head forming material so as to cover said inorganic film;

removing a part of said inorganic film for forming a discharge port; and

removing said solid film thereby forming a liquid flow path communicating with the discharge port.

2. A method according to claim 1, wherein said low temperature film formation is executed by sputtering, CVD or vapor deposition.

3. A method according to claim 1, wherein said inorganic film is composed of SiN, SiO_2, Al_2O_3, Ti, Ta, Cu, Ag or ITO.

4. A method according to claim 1, wherein the layer of said head forming material has ink repellent property.

5. A method according to claim 4, wherein the layer of said head forming material is composed of ink-repellent settable resin.

6. A method according to claim 1, wherein the layer of said head forming material is composed of an inorganic material.

7. A method according to claim 1, wherein said head is of an edge shooter type in which said discharge port is provided on an end face of said substrate.

8. A method according to claim 1, wherein said inorganic film removing step is executed by cutting said inorganic film together with said substrate.

9. A method according to claim 1, wherein said head is of a side shooter type in which said discharge port is provided toward above said substrate.

10. A method according to claim 1, wherein the layer of said head forming material is composed of resin and said inorganic film removing step is executed by dry etching.

11. A method according to claim 9, wherein said solid layer is provided with a discharge port pattern on the liquid flow path pattern.

12. An ink jet recording head which comprises being produced by an ink jet recording head producing method according to any of claims 1 to 11.